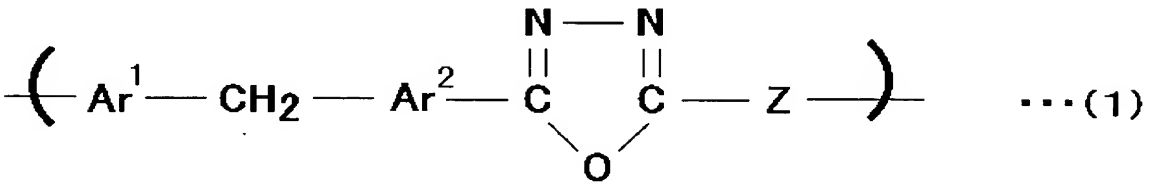
AMENDMENTS TO THE CLAIMS, COMPLETE LISTING OF CLAIMS IN ASCENDING ORDER WITH STATUS INDICATOR

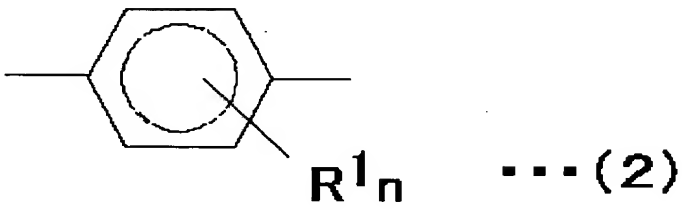
Please amend the claims as follows.

1. (Original) A blue light-emitting polymer having a repeating unit represented by formula (1):



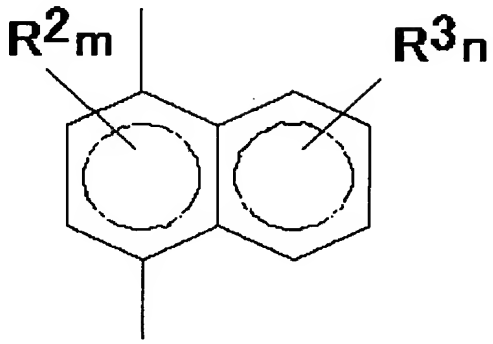
wherein each of Ar^1 and Ar^2 denotes a group represented by formula (2), (3), (4) or (5), wherein Ar^1 and Ar^2 may be the same or different from each other; Z is a single bond or a group represented by formula (6);

the formula (2) is:



wherein R^1 is a hydrogen atom, an alkyl group having 1 to 10 carbon atoms, an alkoxyl group having 1-5 carbon atoms, or an aryl group having 6-14 carbon atoms; and n denotes an integer from 1 to 4;

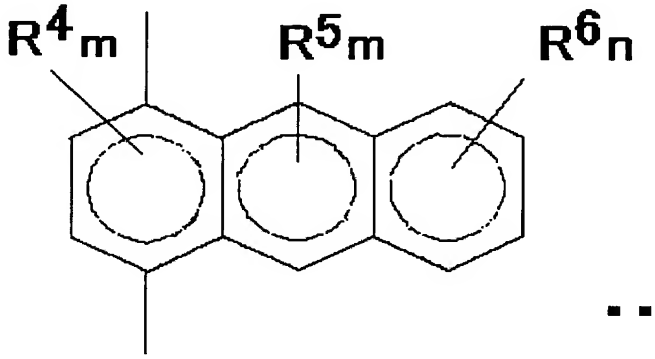
the formula (3) is:



...(3)

wherein each of R^2 and R^3 denotes a hydrogen atom, an alkyl group having 1 to 10 carbon atoms, an alkoxyl group having 1-5 carbon atoms, or an aryl group having 6-14 carbon atoms, wherein R^2 and R^3 may be the same or different from each other; m denotes an integer of 1 or 2; and n means the same as the above;

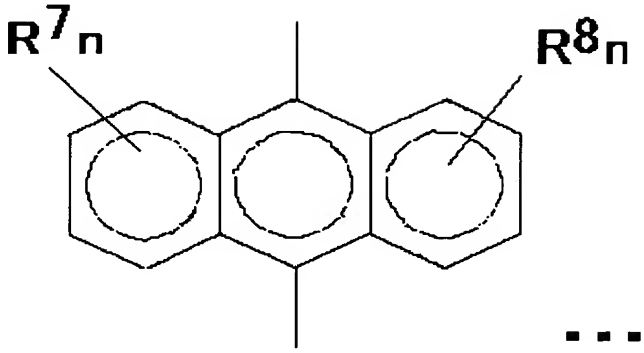
the formula (4) is:



...(4)

wherein each of R^4, R^5 and R^6 denotes a hydrogen atom, an alkyl group having 1 to 10 carbon atoms, an alkoxyl group having 1-5 carbon atoms, or an aryl group having 6-14 carbon atoms, wherein R^4, R^5 and R^6 may be the same or different from one another; m and n respectively mean the same as the above;

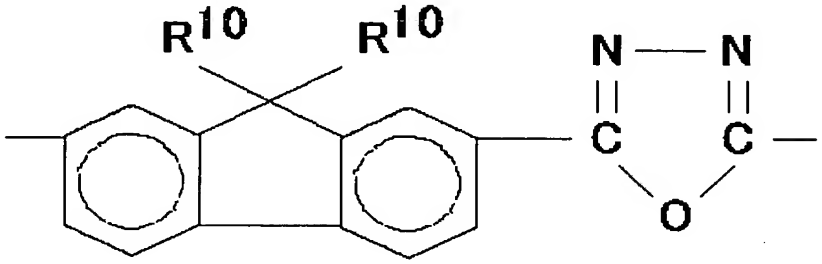
the formula (5) is:



...(5)

wherein each of R^7 and R^8 denotes a hydrogen atom, an alkyl group having 1 to 10 carbon atoms, an alkoxyl group having 1-5 carbon atoms, or an aryl group having 6-14 carbon atoms, wherein R^7 and R^8 may be the same or different from each other; and n means the same as the above; and

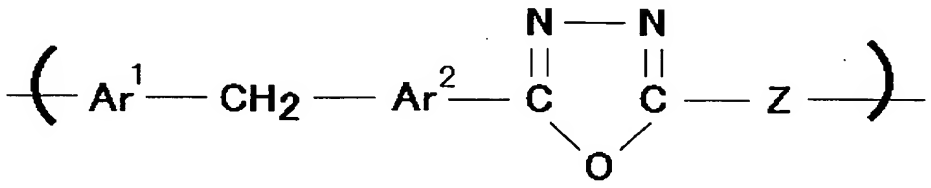
the formula (6) is:



...(6)

wherein R^{10} denotes a hydrogen atom or an alkyl group having 1-10 carbon atoms, and two R^{10}s may be the same or different from each other.

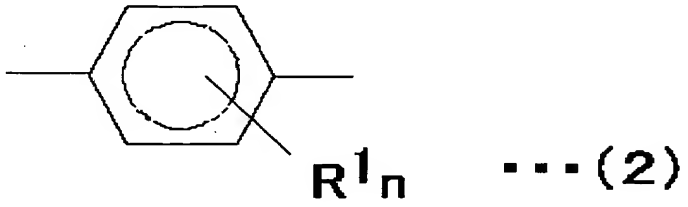
2. (Currently Amended) A process of producing a blue light-emitting polymer having a repeating unit represented by ~~the~~ formula (1) ~~shown in claim 1~~:



...(1)

wherein each of Ar^1 and Ar^2 denotes a group represented by formula (2), (3), (4) or (5), wherein Ar^1 and Ar^2 may be the same or different from each other; Z is a single bond or a group represented by formula (6);

the formula (2) is:



...(2)

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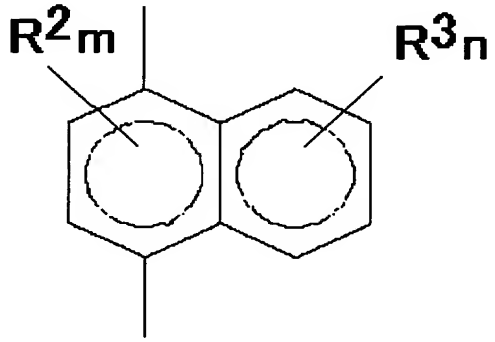
wherein R^1 is a hydrogen atom, an alkyl group having 1 to 10 carbon atoms, an alkoxyl group having 1-5 carbon atoms, or an aryl group having 6-14 carbon atoms; and n denotes an integer from 1 to 4;

the formula (3) is:



...(3)

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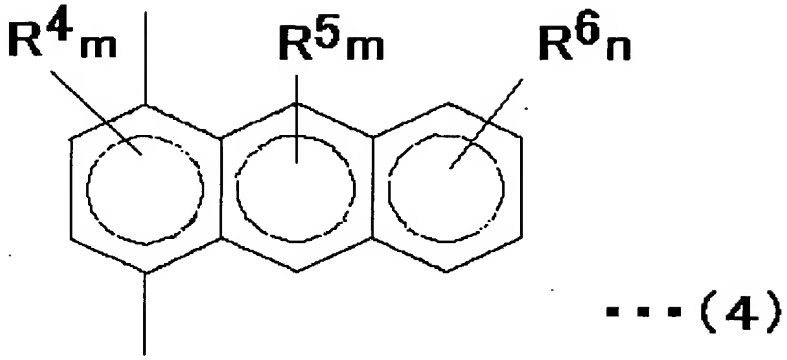
wherein each of R^2 and R^3 denotes a hydrogen atom, an alkyl group having 1 to 10 carbon atoms, an alkoxyl group having 1-5 carbon atoms, or an aryl group having 6-14 carbon atoms, wherein R^2 and R^3 may be the same or different from each other; m denotes an integer of 1 or 2; and n means the same as the above;

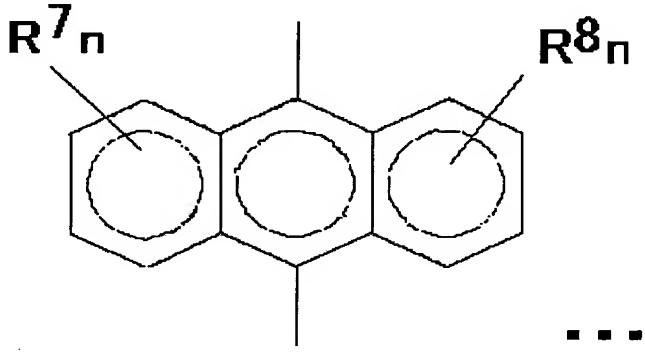
the formula (4) is:



...(4)

wherein each of R^4, R^5 and R^6 denotes a hydrogen atom, an alkyl group having 1 to 10 carbon atoms, an alkoxyl group having 1-5 carbon atoms, or an aryl group having 6-14 carbon atoms, wherein R^4, R^5 and R^6 may be the same or different from one another; m and n respectively mean the same as the above;

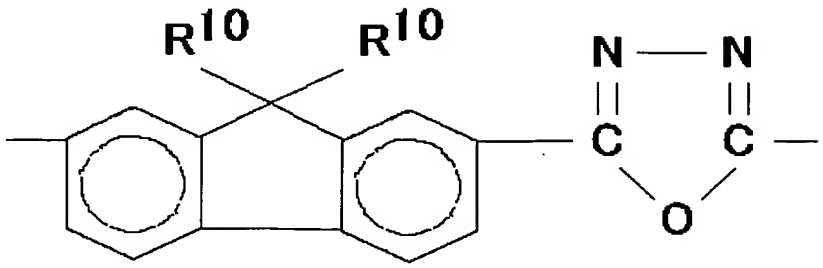
the formula (5) is:



...(5)

wherein each of R^7 and R^8 denotes a hydrogen atom, an alkyl group having 1 to 10 carbon atoms, an alkoxyl group having 1-5 carbon atoms, or an aryl group having 6-14 carbon atoms, wherein R^7 and R^8 may be the same or different from each other; and n means the same as the above; and

the formula (6) is:



...(6)

wherein R^{10} denotes a hydrogen atom or an alkyl group having 1-10 carbon atoms, and two R^{10}s may be the same or different from each other,

said process comprising dehydrohalogenating an aromatic compound represented by formula (7) and an aromatic compound with a halogen atom represented by formula (8) to obtain a compound; acetylating the obtained compound; oxidizing the acetylated compound; hydrolyzing the oxidized compound to produce a dicarboxylic acid represented by formula (9); and condensation-polymerizing the dicarboxylic acid (9) and a hydrazinium salt, wherein

the formula (7) is:

$$H - Ar^1 - H \quad \cdots(7)$$

wherein Ar^1 denotes the same as that defined ~~in claim 1~~ above;

the formula (8) is:

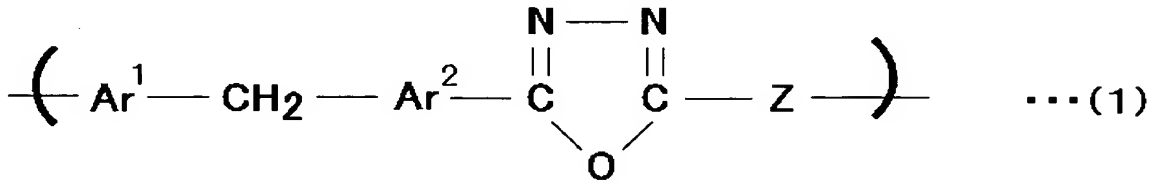
$$H - Ar^2 - CH_2X \quad \cdots(8)$$

wherein Ar^2 denotes the same as that defined ~~in claim 1~~ above, and X denotes a halogen atom; and

the formula (9) is:

$$HOOC - Ar^1 - CH_2 - Ar^2 - COOH \quad \cdots(9)$$

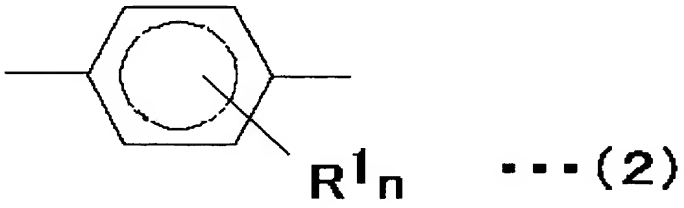
3. (Currently Amended) A process of producing a blue light-emitting polymer having a repeating unit represented by ~~the~~ formula (1) ~~shown in claim 1~~:



...(1)

wherein each of Ar^1 and Ar^2 denotes a group represented by formula (2), (3), (4) or (5), wherein Ar^1 and Ar^2 may be the same or different from each other; Z is a single bond or a group represented by formula (6);

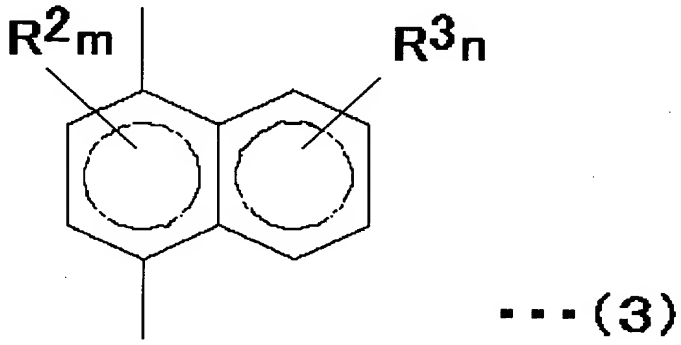
the formula (2) is:



...(2)

wherein R^1 is a hydrogen atom, an alkyl group having 1 to 10 carbon atoms, an alkoxyl group having 1-5 carbon atoms, or an aryl group having 6-14 carbon atoms; and n denotes an integer from 1 to 4;

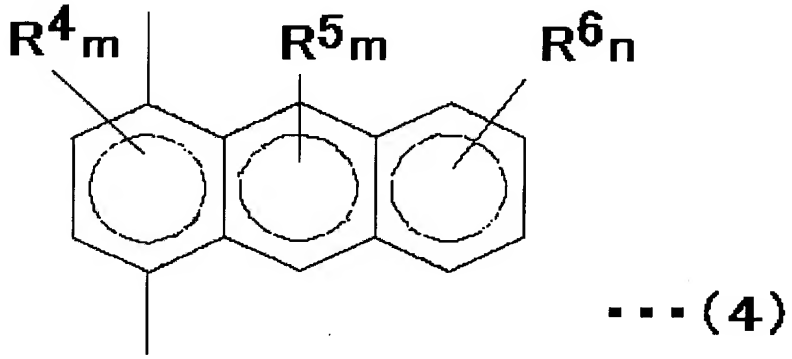
the formula (3) is:



...(3)

wherein each of R^2 and R^3 denotes a hydrogen atom, an alkyl group having 1 to 10 carbon atoms, an alkoxyl group having 1-5 carbon atoms, or an aryl group having 6-14 carbon atoms, wherein R^2 and R^3 may be the same or different from each other; m denotes an integer of 1 or 2; and n means the same as the above;

the formula (4) is:



...(4)

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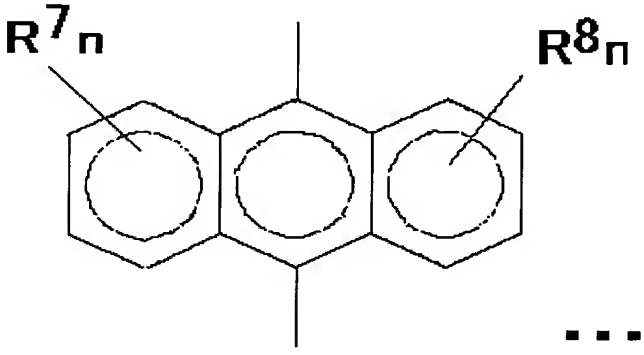
wherein each of R^4, R^5 and R^6 denotes a hydrogen atom, an alkyl group having 1 to 10 carbon atoms, an alkoxyl group having 1-5 carbon atoms, or an aryl group having 6-14 carbon atoms, wherein R^4, R^5 and R^6 may be the same or different from one another; m and n respectively mean the same as the above;

the formula (5) is:



...(5)

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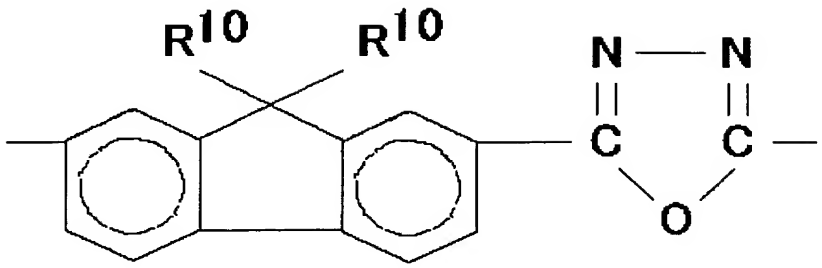
wherein each of R^7 and R^8 denotes a hydrogen atom, an alkyl group having 1 to 10 carbon atoms, an alkoxyl group having 1-5 carbon atoms, or an aryl group having 6-14 carbon atoms, wherein R^7 and R^8 may be the same or different from each other; and n means the same as the above; and

the formula (6) is:

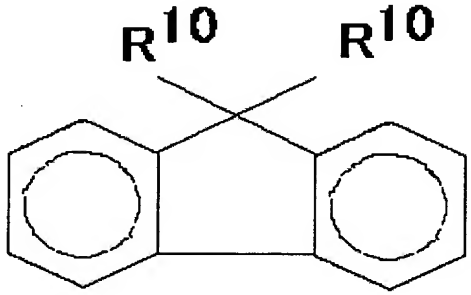


...(6)

wherein R^{10} denotes a hydrogen atom or an alkyl group having 1-10 carbon atoms, and two R^{10}s may be the same or different from each other,

said process comprising acetylating a fluorene represented by formula (10); oxidizing the acetylated fluorene; hydrolyzing the oxidized acetylated fluorene to obtain a compound represented by formula (11); and condensation-polymerizing the compound (11) and the compound represented by ~~the~~ formula (9) ~~shown in claim 2~~ in the presence of a hydrazinium salt, wherein

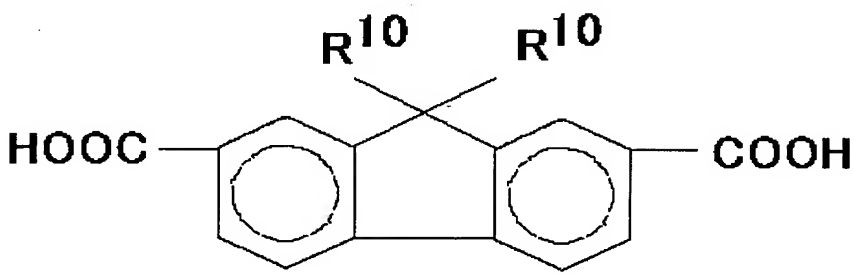
the formula (10) is:



...(10)

wherein R^{10} denotes a hydrogen atom or an alkyl group with 1-10 carbon atoms; and two R^{10}s may be the same or different from each other; and

the formula (11) is:



...(11)

and the formula (9) is:

$$HOOC - Ar^1 - CH_2 - Ar^2 - COOH \quad \cdots (9)$$

4. (Canceled).

5. (New) A layered article comprising the blue light-emitting polymer of claim 1.

6. (New) A layered article according to claim 5, which is in a form of an organic EL element comprising a substrate, a pair of electrodes, and at least one light-emitting layer sandwiched between the electrodes and including the blue light-emitting polymer, wherein the substrate has been provided with one of the electrode.

7. (New) The layered article according to claim 6, wherein the organic EL element comprises a single light-emitting layer.

8. (New) The layered article according to claim 6, wherein the organic EL element further comprising a hole-transporting layer and an electron-transporting layer, and wherein the organic EL element comprising two or more light-emitting layers, at least one of which includes the blue light-emitting polymer.

9. (New) The layered article according to claim 5, wherein said article has a planar shape.

10. (New) The layered article according to claim 5, wherein said article has a tubular shape.

11. (New) The layered article according to claim 6, wherein said article has a planar shape.

12. (New) The layered article according to claim 6, wherein said article has a tubular shape.

13. (New) The layered article according to claim 7, wherein said article has a planar shape.

14. (New) The layered article according to claim 7, wherein said article has a tubular shape.

15. (New) The layered article according to claim 8, wherein said article has a planar shape.

16. (New) The layered article according to claim 8, wherein said article has a tubular shape.